

Recommendations for Swine

Amino acids and more.



Growing Swine

Recommendations for Standardized Ileal Digestible Amino Acids (% of diet)*

Body weight (kg)	Net Energy**		Lys	Met	Met+Cys	Thr	Trp	Arg	Ile	Leu	Val	His	Phe+Tyr	Lys	Lys
	(MJ/kg)	(Mcal/kg)												(g/MJ NE)	(g/Mcal NE)
<10	10.7	2.56	1.42	0.47	0.85	0.89	0.31	0.60	0.78	1.42	0.97	0.45	1.35	1.33	5.55
10–20	10.4	2.49	1.32	0.43	0.79	0.83	0.29	0.55	0.72	1.32	0.89	0.42	1.25	1.26	5.29
20–40	10.2	2.44	1.08	0.37	0.67	0.70	0.22	0.43	0.60	1.08	0.74	0.35	1.03	1.06	4.44
40–60	10.2	2.44	0.94	0.32	0.58	0.61	0.19	0.38	0.52	0.94	0.64	0.30	0.89	0.92	3.86
60–80	10.0	2.39	0.84	0.29	0.53	0.56	0.17	0.30	0.46	0.84	0.57	0.27	0.80	0.84	3.50
80–100	10.0	2.39	0.75	0.27	0.49	0.53	0.14	0.24	0.41	0.75	0.51	0.24	0.71	0.75	3.15
100–120	10.0	2.39	0.65	0.23	0.42	0.45	0.12	0.21	0.36	0.65	0.44	0.21	0.61	0.65	2.70

Reproductive Swine

Recommendations for Standardized Ileal Digestible Amino Acids (% of diet)

	Net Energy**		Lys	Met	Met+Cys	Thr	Trp	Arg	Ile	Leu	Val	His	Phe+Tyr	Lys	Lys
	(MJ/kg)	(Mcal/kg)												(g/MJ NE)	(g/Mcal NE)
Sows Gestating	8.9	2.13	0.59	0.21	0.39	0.41	0.13	0.53	0.35	0.57	0.40	0.21	0.59	0.66	2.80
Sows Lactating	9.8	2.34	0.85	0.28	0.51	0.58	0.19	0.48	0.50	0.97	0.72	0.34	0.96	0.87	3.60

* High lean growth potential (> 875 g ADG or >140 g body protein deposition per day from 20 to 120 kg)

** For conversion to NE: ME x 0.74
DE x 0.71

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